

*52*  
59. A reagent according to Claim *51* 58, wherein the oligonucleotide detection primer comprises an attachment moiety.

*53*  
60. A reagent according to Claim *51* 58, wherein the oligonucleotide detection primer has a length of from 10-40 nucleotide residues.

*54*  
61. A reagent according to Claim *51* 58 having the sequence 5'-GCG CGG ACA TGG AGG ACG TG-3'.

*55*  
62. A reagent according to Claim *51* 58 having the sequence 5'-ATG CCG ATG ACC TGC AGA AG-3'.

*56*  
63. A reagent according to Claim *51* 58 having the sequence 5'-GTA CTG CAC CAG GCG GCC GC-3'.

*57*  
64. A reagent according to Claim *51* 58 having the sequence 5'-GGC CTG GTA CAC TGC CAG GC-3'.

*58*  
65. A reagent according to Claim *51* 58 having the sequence 5'-CAT GGT GCA CCT GAC TCC TG-3'.

*59*  
66. A reagent according to Claim *51* 58 having the sequence 5'-CAG TAA CGG CAG GCG GCC GC-3'.

*60*  
67. A reagent according to Claim *51* 58 having the sequence 5'-AAG GCA CTC TTG CCT ACG CCA-3'.

*61*  
68. A reagent according to Claim *51* 58 having the sequence 5'-AGG CAC TCT TGC CTA CGC CAC-3'.

*62*  
69. A reagent according to Claim *51* 58 having the sequence 5'-AAC TTG TGG TAG TTG GAG CT-3'--

<sup>63</sup><sub>20.</sub> A reagent according to Claim <sup>51</sup><sub>58</sub> wherein the oligonucleotide detection primer is immobilized to a solid support.

<sup>64</sup><sub>21.</sub> A reagent according to Claim <sup>51</sup><sub>58</sub> wherein the labeled nucleotide is a deoxyribonucleotide triphosphate.

<sup>65</sup><sub>22.</sub> A reagent according to Claim <sup>51</sup><sub>58</sub> wherein the labeled nucleotide is a chain terminating nucleotide.

<sup>66</sup><sub>23.</sub> A reagent according to Claim <sup>65</sup><sub>52</sub> wherein the labeled nucleotide is a dideoxyribonucleotide triphosphate.

<sup>67</sup><sub>24.</sub> A reagent according to Claim <sup>51</sup><sub>58</sub> wherein the oligonucleotide primer extension product is immobilized to a solid support.

<sup>68</sup><sub>25.</sub> A reagent according to claim <sup>51</sup><sub>58</sub> wherein the oligonucleotide primer is hybridized to the target nucleic acid polymer immediately adjacent to the predetermined position.--.

#### REMARKS

This is in response to the Office Action dated August 23, 1996 in the above-identified application. This application is a continuation of parent application serial No. 08/162,376 (hereinafter "'376 application") whose corresponding method claims have been deemed allowable. The claims of the '376 application are currently involved in two interferences. Interference No. 103,562 and Interference